

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Otake et al.		
Serial No.:	10/589,693	Case No.:	BY0036P
Filed:	August 17, 2006		
For:	NOVEL SULFONAMIDE DERIVATIVES		

Art Unit:

1614

Examiner:

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Office of Initial Patent Examination -  
Filing Receipt Corrections

REQUEST FOR CORRECTED FILING RECEIPT  
IN A US NATIONAL PHASE APPLICATION

Sir:

Attached is a copy of the official filing receipt dated March 25, 2008, received from the U.S. Patent and Trademark Office in the above application for which issuance of a corrected filing receipt is respectfully requested.

There is an error with respect to the title of the invention. The title of the invention was erroneously cited as "Novel Sulfone Amide Amide Derivatives". The correct title of the invention should read -- Novel Sulfonamide Derivatives --.

Applicants had correctly recited the title of the invention on pp. 1 and 1A of the transmittal sheet for the filing of this U.S. national phase application under 35 U.S.C. 371. For your convenience, copies of those sheets and the accompanying return postcard to the U.S. Designated/Elected Office are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

By Merck & Co., Inc. Date 4/7/2008

Serial No.: 10/589,693

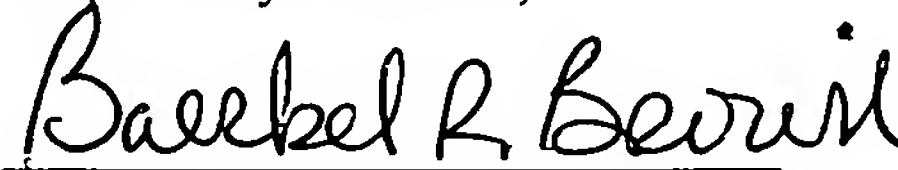
Case No.: BY0036P

Page No.: 2

Since this correction is not due to any error by the Applicants, it is believed that no further fee is due. Nonetheless, should a fee be due, please charge the additional fee to deposit account 13-2755.

Respectfully submitted,

By



Baerbel R. Brown, Reg. No. 47,449

Attorney for Applicants

/agb  
Enclosure

Merck & Co., Inc.

P.O. Box 2000

Rahway, New Jersey 07065

Tel.: (732)594-0672

April 4, 2008

BRB



PATENT DEPARTMENT  
MAR 31 2008  
BAERBEL R. BROWN

BY 0036P

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/589,693	08/17/2006	1614	1150	BY0036P	10	3

CONFIRMATION NO. 9915

210

MERCK AND CO., INC  
P O BOX 2000  
RAHWAY, NJ 07065-0907

## FILING RECEIPT



Date Mailed: 03/25/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

## Applicant(s)

Norikazu Otake, Ibaraki, JAPAN;  
Yoshio Ogino, Ibaraki, JAPAN;  
Akio Kanatani, Ibaraki, JAPAN;

**Power of Attorney:** The patent practitioners associated with Customer Number 210

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP2005/002670 02/15/2005

## Foreign Applications

JAPAN 2004-043347 02/19/2004

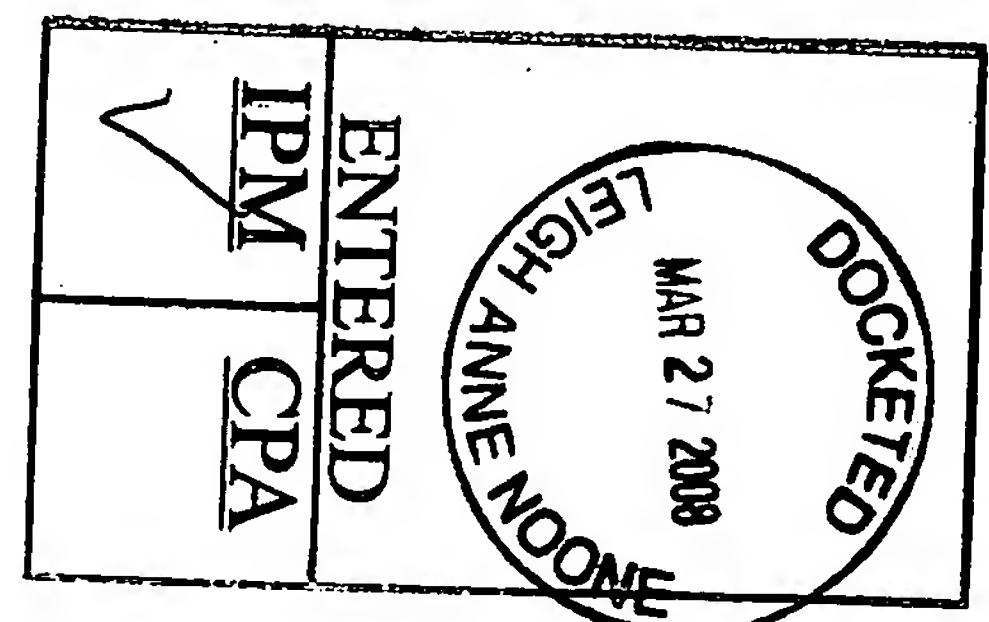
**If Required, Foreign Filing License Granted:** 03/19/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/589,693**

**Projected Publication Date:** 06/26/2008

**Non-Publication Request:** No

**Early Publication Request:** No



**Title**

~~Novel Sulfone Amide Amide Derivatives~~ Novel Sulfonamide Derivatives

**Preliminary Class**

514

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

THE PATENT & TRADEMARK OFFICE ACKNOWLEDGES, AND HAS STAMPED HEREON, THE DATE OF THE RECEIPT AND THE ASSIGNED SERIAL NUMBER OF THE FOLLOWING PATENT APPLICATION:

CASE NUMBER	DATE	ATTORNEY	EXPRESS MAIL <input checked="" type="checkbox"/>
3Y0036P	8/17/2006	BRB/agb	EV660604265US
TITLE			
NOVEL SULFONAMIDE DERIVATIVES			
INVENTORS			
NORIKAZU OTAKE, YOSHIO OGINO, and AKIO KANATANI			
NO. OF PAGES	NO. OF CLAIMS	PAGES OF DRAWING	SEQUENCE LISTING
102	10	--	--
DECLARATIONS		ACCOUNT CHARGE	
Yes		13-2755	\$1,250.00

10/589693

10/15 Rec'd PCT/PTO 17 AUG 2006





**Page 1A of TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING  
A FILING UNDER 35 U.S.C. 371**

TS  
27

**Attorney Docket No.:** BY0036P  
**International Appln No.:** PCT/JP2005/002670  
**International Filing Date:** 15 FEBRUARY 2005  
**Priority Date:** 19 FEBRUARY 2004  
**Title:** NOVEL SULFONAMIDE DERIVATIVES

AUG 18 2005

**Inventors:** NORIKAZU OTAKE, YOSHIO OGINO, and AKIO KANATANI

**EXPRESS MAIL CERTIFICATE**

**DATE OF DEPOSIT** August 17, 2006

**EXPRESS MAIL NO.** EV660604265US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS  
EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE  
DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR  
PATENTS P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450.

**MAILED BY** Lois Schepisi **DATE** 8/17/2006



<b>U. S. PATENT AND TRADEMARK OFFICE</b> <b>U.S. DEPARTMENT OF COMMERCE</b>  <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> BY0036P
		<b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b>
<b>INTERNATIONAL APPLICATION NO.</b> PCT/JP2005/002670	<b>INTERNATIONAL FILING DATE</b> 15 FEBRUARY 2005	<b>PRIORITY DATE CLAIMED</b> 19 FEBRUARY 2004
<b>TITLE OF INVENTION</b> NOVEL SULFONAMIDE DERIVATIVES		
<b>APPLICANT(S) FOR DO/EO/US</b>  NORIKAZU OTAKE, YOSHIO OGINO, and AKIO KANATANI		
<p><b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</b></p> <ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.</li><li>4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</li><li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].<ol style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li></ol></li><li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li><li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li><li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li></ol> <p><b>Items 11 to 20 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"><li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li><li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li><li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li><li>15. <input type="checkbox"/> A substitute specification.</li><li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li><li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li><li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C.154(d)(4).</li><li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C.154(d)(4).</li><li>20. <input type="checkbox"/> Other items or information:</li></ol>		